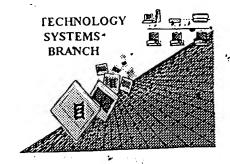
## RAW SEQUENCE LISTING ERROR REPORT



## **BEST AVAILABLE COPY**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	us 09/847637	
Source:	OIPE	·.'
Date Processed by STIC:	08/13/01	٠.
Jaic Hocessed by Biro.	*	

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: <a href="mailto:patin21help@uspto.gov">patin21help@uspto.gov</a> or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: <a href="mailto:patin3help@uspto.gov">patin3help@uspto.gov</a> or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

## Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRP) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

OIPE

RAW SEQUENCE LISTING DATE: 08/13/2001 PATENT APPLICATION: US/09/847,637 TIME: 10:51:06

Input Set : A:\13125-002001.TXT

Output Set: N:\CRF3\08132001\1847637.raw

```
4 <110> APPLICANT: Naparstek, Yaakov
 5
         Ulmansky, Rina
 6
         Kashi, Yechezkel
 8 <120> TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING
         THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
         SEQUENCES AND THE DIFFERENT USES THEREOF
10
13 <130> FILE REFERENCE: 13125-002001
15 <140> CURRENT APPLICATION NUMBER: 09/847,637
16 <141> CURRENT FILING DATE: 2001-05-02
18 <150> PRIOR APPLICATION NUMBER: PCT/IL99/00595
19 <151> PRIOR FILING DATE: 1999-11-04
21 <150> PRIOR APPLICATION NUMBER: 60/107,213
22 <151> PRIOR FILING DATE: 1998-11-05
24 <160> NUMBER OF SEQ ID NOS: 9
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

## ERRORED SEQUENCES

```
Errored: See page 2084
310 <210> SEQ ID NO: 9
                                                                Does Not Comply
311 <211> LENGTH ( 575 )
                                                            Corrected Diskette Needed
312 <212> TYPE: PRT-
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Common motif
318 <400> SEQUENCE: 9
319 Ala Lys Ala Arg Gly Leu Ala Asp Ala Val Thr Gly Pro Lys Gly
320 1
321 Arg Val Glu Trp Gly Pro Thr Asp Gly Val Ala Lys Ile Leu Asp Tyr
322
323 Ile Gly Ala Leu Val Val Ala Thr Ala Gly Asp Gly Thr Thr Ala
           35
                               40
                                                   45
325 Thr Val Leu Ala Glu Gly Gly Ala Asn Pro Arg Gly Ala Val Leu
                            55
327 Lys Lys Val Thr Glu Ile Ala Ala Ile Ser Ala Gly Asp Ile Gly Ile
                       70
                                           75
329 Ala Met Lys Val Gly Gly Val Ile Thr Val Thr Leu Glu Gly Met
                                       90
                   85
331 Phe Asp Gly Tyr Ile Ser Tyr Phe Gln Asp Tyr Leu Leu Lys Ser Pro
               100
                                   105
333 Leu Glu Lys Pro Leu Ile Ile Ala Glu Asp Val Gly Glu Ala Leu Ser
            115
                               120
335 Thr Leu Val Asn Val Ala Val Lys Ala Pro Gly Phe Gly Asp Arg Lys
                            135
337 Leu Asp Met Ala Ile Thr Gly Gly Val Glu Glu Leu Leu Glu Leu Gly
                        150
                                           155
339 Lys Val Val Thr Lys Asp Gly Gly Asp Ile Arg Ile Ser Tyr Glu Lys
```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/847,637

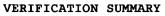
DATE: 08/13/2001 TIME: 10:51:06

Input Set : A:\13125-002001.TXT

Output Set: N:\CRF3\08132001\I847637.raw

348	225	_	_		_	230		Lys			235					240
			0-1		O <sub>1</sub>		пор	FIO	шуз	Val		niu	Deu			
			1		$O_{T_I}$	O-1	HOP	FIO	шуз	Val	21.9	HIU	LCu			
347	Glu	Lvs	G1 v	Ala	Glv	Glv	Asn	Dro	Lvc	Val	Δrα	Δla	Len	Δla	Ala	Ala
346		210					215					220				
345	Leu	Pro	Leu	Asp	Leu	Asp	Gly	Ile	Lys	Leu	Pro	Leu	Ala	Asn	Gly	Glu
344			195					200					205			
343	Lys	Arg	Asp	Ala	Ala	Ala	Val	Glu	Glu	Gly	Ile	Val	Gly	Gly	Gly	Leu
342				180					185					190		
341	Leu	Glu	Arg	Leu	Ala	Lys	Leu	Gly	Val	Ala	Val	Lys	Gly	Val	Glu	Glu
340					165					170					175	
	341 342 343 344 345 346	341 Leu 342 343 Lys 344 345 Leu 346	341 Leu Glu 342 343 Lys Arg 344 345 Leu Pro 346 210	341 Leu Glu Arg 342 343 Lys Arg Asp 344 195 345 Leu Pro Leu 346 210	341 Leu Glu Arg Leu 342 180 343 Lys Arg Asp Ala 344 195 345 Leu Pro Leu Asp 346 210	341 Leu Glu Arg Leu Ala 342 180 343 Lys Arg Asp Ala Ala 344 195 345 Leu Pro Leu Asp Leu 346 210	341 Leu Glu Arg Leu Ala Lys 342 180 343 Lys Arg Asp Ala Ala Ala 344 195 345 Leu Pro Leu Asp Leu Asp 346 210	341 Leu Glu Arg Leu Ala Lys Leu 342 180 343 Lys Arg Asp Ala Ala Ala Val 344 195 345 Leu Pro Leu Asp Leu Asp Gly 346 210 215	341 Leu Glu Arg Leu Ala Lys Leu Gly 342 180 343 Lys Arg Asp Ala Ala Ala Val Glu 344 195 200 345 Leu Pro Leu Asp Leu Asp Gly Ile 346 210 215	341 Leu Glu Arg Leu Ala Lys Leu Gly Val 342 180 185 343 Lys Arg Asp Ala Ala Ala Val Glu Glu 344 195 200 345 Leu Pro Leu Asp Leu Asp Gly Ile Lys 346 210 215	341 Leu Glu Arg Leu Ala Lys Leu Gly Val Ala 342	341 Leu Glu Arg Leu Ala Lys Leu Gly Val Ala Val 342 180 185 343 Lys Arg Asp Ala Ala Ala Val Glu Glu Gly Ile 344 195 200 200 345 Leu Pro Leu Asp Leu Asp Gly Ile Lys Leu Pro 346 210 215	341 Leu Glu Arg Leu Ala Lys Leu Gly Val Ala Val Lys 342	341 Leu Glu Arg Leu Ala Lys Leu Gly Val Ala Val Lys Gly 342	341 Leu Glu Arg Leu Ala Lys Leu Gly Val Ala Val Lys Gly Val 342 180 185 190 185 190 343 Lys Arg Asp Ala Ala Ala Val Glu Gly Gly Ile Val Gly Gly 344 195 200 205 205 345 Leu Pro Leu Asp Leu Asp Gly Ile Lys Leu Pro Leu Ala Asn 346 210 215 220	341 Leu Glu Arg Leu Ala Lys Leu Gly Val Ala Val Lys Gly Val Glu 342

Field 211 integer does not match the actual number of protein residues in the sequence 1 to ting. Field 211 indicates 575 residues; There are only 255 rosidues in the sequence.



PATENT APPLICATION: US/09/847,637

DATE: 08/13/2001

TIME: 10:51:07

Input Set : A:\13125-002001.TXT
Output Set: N:\CRF3\08132001\1847637.raw

L:350 M:252 E: No. of Seq. differs, <211>LENGTH:Input:575 Found:255 SEQ:9